

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

PAULUS C. DUINEVELD ET AL

NL 000697

Serial No.

Group Art Unit

Filed: CONCURRENTLY

Ex.

Title: ELECTROLUMINESCENT COLOR DISPLAY PANEL

Commissioner for Patents

Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to calculation of the filing fee and examination, please amend the above-identified application as follows:

IN THE CLAIMS

Please amend the claims as follows:

3. (amended) An electroluminescent color display panel as claimed in claim 1, wherein the first color sections are adjacently arranged on parallel, laterally spaced apart, slanting lines with respect to the column direction.

5. (amended) An electroluminescent color display panel as claimed in claim 3, wherein the acute angle between a vertical column and

the slanting lines is in a range of +10 and -10 degrees around a preferred angle α , and the preferred angle α is equal to:

$$\alpha = \arctan\left(\frac{P_r}{n \cdot P_c}\right)$$

wherein n is the number of color sections in a pixel, P_r is the pitch of the pixels in the row direction, and P_c is the pitch of the pixels in the column direction.

6. (amended) An electroluminescent color display panel as claimed in claim 1, wherein a color section comprises a layer of an organic electroluminescent material.

8. (amended) An electroluminescent color display panel as claimed in claim 1, wherein a color section comprises a layer of a phosphor material which is excited by a plasma discharge.

11. (amended) A method as claimed in claim 9, wherein the acute angle between the first or the second electrode strip and a slanting line is in a range of +10 and -10 degrees around a preferred angle α , and the preferred angle α is equal to:

$$\alpha = \arctan\left(\frac{P_r}{n \cdot P_c}\right)$$

wherein n is the number of color sections in a pixel, P_r is the pitch of the pixels in the row direction, and P_c is the pitch of the pixels in the column direction.

12. (amended) A method as claimed in claim 9, wherein the electroluminescent strips comprise an organic electroluminescent material, which organic electroluminescent material is deposited by using an inkjet printer.

REMARKS

The foregoing amendments to the claims were made solely to avoid filing the claims in the multiple dependent form so as to avoid the additional filing fee.

The claims were not amended in order to address issues of patentability and Applicants respectfully reserve all rights they may have under the Doctrine of Equivalents. Applicants furthermore reserve their right to reintroduce subject matter deleted herein at a later time during the prosecution of this application or continuing applications.

Respectfully submitted,

By 

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APPENDIX

3. (amended) An electroluminescent color display panel as claimed in claim 1 ~~or 2~~, wherein the first color sections are adjacently arranged on parallel, laterally spaced apart, slanting lines with respect to the column direction.

5. (amended) An electroluminescent color display panel as claimed in claim 3 ~~or 4~~, wherein the acute angle between a vertical column and the slanting lines is in a range of +10 and -10 degrees around a preferred angle α , and the preferred angle α is equal to:

$$\alpha = \arctan\left(\frac{P_r}{n \cdot P_c}\right)$$

wherein n is the number of color sections in a pixel, P_r is the pitch of the pixels in the row direction, and P_c is the pitch of the pixels in the column direction.

6. (amended) An electroluminescent color display panel as claimed in claim 1, ~~2, 3, 4 or 5~~, wherein a color section comprises a layer of an organic electroluminescent material.

8. (amended) An electroluminescent color display panel as claimed in claim 1, ~~2, 3, 4 or 5~~, wherein a color section comprises a layer of a phosphor material which is excited by a plasma discharge.

11. (amended) A method as claimed in claim 9 ~~or 10~~, wherein the acute angle between the first or the second electrode strip and a slanting line is in a range of +10 and -10 degrees around a preferred angle α , and the preferred angle α is equal to:

$$\alpha = \arctan\left(\frac{P_r}{n \cdot P_c}\right)$$

wherein n is the number of color sections in a pixel, P_r is the pitch of the pixels in the row direction, and P_c is the pitch of the pixels in the column direction.

12. (amended) A method as claimed in claim 9 ~~or 10~~, wherein the electroluminescent strips comprise an organic electroluminescent material, which organic electroluminescent material is deposited by using an inkjet printer.